

**IN THE CLAIMS:**

- 1 1. (Original) A system for reporting information related to predetermined storage vol-  
2 umes in a network including at least one storage appliance comprising:  
3       a monitor process that identifies volumes and retrieves statistical information with  
4       respect to the volumes;  
5       an interface adapted to enable volumes to be associated with a group; and  
6       a reporting process that organizes and displays the statistical information with re-  
7       spect to the volumes associated with the group to interested parties.
- 1 2. (Original) The system as set forth in claim 1 wherein the reporting process includes an  
2 event process for determining identities of the interested parties with respect to a prede-  
3 termined event condition with respect to the volumes based upon the statistical informa-  
4 tion and for notifying the interested parties.
- 1 3. (Original) The system as set forth in claim 2 wherein the event conditions include pa-  
2 rameters of the volume and an associated device of the volume that exceed threshold lev-  
3 els.
- 1 4. (Original) The system as set forth in claim 3 wherein the parameters include at least  
2 one of a central processing utilization level, a storage disk free space, a storage disk used  
3 space, an environmental condition and operational status.
- 1 5. (Original) The system as set forth in claim 3 wherein the event process includes is  
2 adapted to e-mail event information to at least some of the interested parties.

1 6. (Original) The system as set forth in claim 5 wherein the e-mail of the event informa-  
2 tion includes web links for use by the interested parties.

1 7. (Original) The system as set forth in claim 3 further comprising a database that retains  
2 information with respect to the interested parties and the threshold levels for the parame-  
3 ters.

1 8. (Original) The system as set forth in claim 1 wherein the each of the volumes are at-  
2 tached to each of a plurality of filers, respectively.

1 9. (Original) The system as set forth in claim 1 further comprising a command process  
2 for generating web pages that report the statistical information to at least some of the in-  
3 terested parties.

1 10. (Original) The system as set forth in claim 9 wherein the web pages are constructed  
2 and arranged as graphical user interfaces that enable display of the statistical information  
3 in a plurality of predetermined windows and boxes within the windows based upon se-  
4 lection criteria entered by the interested parties.

1 11. (Original) The system as set forth in claim 10 further comprising alerts displayed on  
2 the graphical user interface based upon problems identified by the monitor process with  
3 respect to the volumes or devices associated with the volumes.

1 12. (Original) The system as set forth in claim 11 wherein the alerts are color-coded  
2 based upon severity of the problems, respectively.

1 13. (Original) The system as set forth in claim 1 wherein the reporting process is adapted  
2 to consolidate the statistical information from one or more volumes on one or more of the  
3 volumes on one or more storage appliances into the group.

- 1 14. (Original) A graphical user interface for use with a management station or client at-  
2 tached to a network having storage volumes comprising:  
3 a display window that enables at least one of the volumes to be selectively associ-  
4 ated with a desired group of interested parties; and  
5 a display window that shows information related to performance and status of the  
6 volumes of the group based upon criteria selected by the user.
- 1 15. (Original) The graphical user interface as set forth in claim 14 wherein the informa-  
2 tion includes at least one of central processing unit usage, volume disk free space, volume  
3 disk used space; environmental conditions; general operational status and events in which  
4 an operational parameter exceeds a predetermined threshold.
- 1 16. (Original) The graphical user in interface as set forth in claim 15 wherein the events  
2 include alerts that are color-coded based upon severity of a problem.
- 1 17. (Original) The graphical user interface as set forth in claim 15 further comprising a  
2 link box that directs a user to network or Internet-based utilities in connection with the  
3 information.
- 1 18. (Original) The graphical user interface as set forth in claim 14 wherein each display  
2 window is formatted as a web page and is displayed on a web browser.
- 1 19. (Original) A method for reporting information related to predetermined storage vol-  
2 umes in a network including at least one storage appliance comprising the steps of:  
3 identifying volumes and retrieving statistical information with respect to the vol-  
4 umes;  
5 associating at least one of the identified volumes with a group; and

6 organizing and displaying the statistical information with respect to the volumes  
7 associated with the group to interested parties.

1 20. (Original) The method as set forth in claim 19 wherein the step of reporting includes  
2 e-mailing the statistical information to at least some of the interested parties.

1 21. (Original) The method as set forth in claim 20 further comprising formatting a web  
2 page containing the statistical information in a predetermined display format.

1 22. (Original) The method as set forth in claim 21 further comprising changing the pre-  
2 determined display format based upon user-selected criteria.

1 23. (Original) The method as set forth in claim 19 wherein the step of organizing and  
2 displaying includes displaying event information related to predetermined of the statisti-  
3 cal information that exceeds desired parameters.

1 24. (Original) The method as set forth in claim 23 wherein the step of displaying the  
2 event information includes providing color-coded alerts that indicated a severity of a  
3 problem associated with the respective event.

1 25. (Original) A computer-readable medium operating on a computer in a network that  
2 includes one or more storage appliance having volumes, the computer-readable medium  
3 including program instructions for performing the steps of:

4 identifying storage volumes and retrieving statistical information with respect to  
5 the volumes;

6 associating at least one of the identified volumes with a group; and

7 organizing and displaying the statistical information with respect to the volumes  
8 associated with the group to interested parties.

1 26. (Original) A method for organizing and displaying information with respect to one or  
2 more volumes on one or more storage appliances attached to a network, each of the vol-  
3 umes having statistical information associated therewith, the method comprising the steps  
4 of:

5       establishing a group of one or more of the volumes based upon predetermined re-  
6 porting criteria; and

7       consolidating statistical information collected with respect to the volumes in the  
8 group for display to interested parties.

1 27. (Original) The method as set forth in claim 26 further comprising comparing known  
2 predetermined threshold values to parameters of the statistical information generating an  
3 event condition when the at least one of the parameters exceeds at least one of the thresh-  
4 old values, respectively.

1 28. (Original) The method as set forth in claim 21 further comprising notifying at least  
2 one of the interested parties based upon the event condition using an electronic message.